

## ABSTRACT

5 A system for cooling a canister has first, second and third heat pipes. The first heat pipe has an evaporator and a condenser. The first heat pipe is mounted with its evaporator inside the canister and its condenser outside the canister. The second heat pipe has an evaporator conductively coupled to the condenser of the first heat pipe. The second heat pipe has a condenser. The third heat pipe has an evaporator conductively coupled to the condenser of the second heat pipe. The third heat pipe has a condenser with a plurality of fins on the condenser of the third heat pipe.

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